



# COMPANY PROFILE

COMMERCIAL/ INDUSTRIAL



EXCEEDING CUSTOMER EXPECTATIONS SINCE 1938.

[www.dhtnet.com](http://www.dhtnet.com)



# INNOVATION & ENGINEERING

How we set ourselves apart.

Our name stands for performance, competence, and reliability in a wide range of products– since 1938. We know the industries, the markets, and technologies. We maintain close relationships and are a partner to our customers. With over 80 years of experience, we are looking towards the future, staying connected and surpassing expectations.

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# ABOUT US

DHT is a leading manufacturing company of heat transfer equipment and systems for the residential, commercial, and industrial markets.



## OUR STRENGTHS

- 80 Years of Operating Experience
- Management Team With Over 150+ Years Combine Experience.
- Highly Skilled Personnel
- Unmatched Quality
- Our Customers and Customer Loyalty

## VISION

To become a world-class manufacturer of innovative heat transfer products throughout North America.

## MISSION

To engineer and manufacture a family of high quality heat transfer products, while exceeding customer expectations and building lasting partnerships.

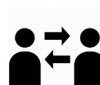
# OUR CORE VALUES

DHT enjoys a strong reputation for integrity and commitment. Our core values are designed to help each one of us meet that obligation. We believe that when we apply these values in our everyday work, our company is positioned for success.



## STRUCTURE

Be a high-performing and highly engaged diverse team that understands each of their roles and responsibilities within the organizational structure which in turn will strengthen employee talent to allow for greater customer focus, flexibility, and profitability.



## COMMUNICATION

Openly communicating, actively listening, challenging ideas and processes, and setting reasonable expectations to achieve the best possible outcome.



## CODE OF ETHICS

We conduct ourselves and our business affairs in accordance with the highest ethical standards, and in compliance with all applicable laws, striving always to be a respected corporate citizen.



## SAFETY

We share a personal and professional commitment to protecting the safety and health of our employees, our engineers/contractors, our customers and the people of the communities in which we operate.



## QUALITY OF EXCELLENCE

We set exacting standards and strive for consistency and precision in everything we do. We are committed to continuously improving our capabilities. We passionately strive to exceed the expectations of our customers, colleagues, and shareholders and to win in the marketplace.



## CULTURE

Striving for a workplace where opportunity, openness, enthusiasm, diversity, teamwork, accountability and a sense of purpose combine to provide a rewarding professional experience that promotes fairness, dignity, and respect for all employees.

# KEY MILESTONES

To truly understand the DHT culture is to know the history. The people behind the name. The passion for better serving customers with a strong sense of purpose and value. The desire to continuously be the best and drive an industry forward.

## 1938-1970'S

Founded- 1938 (NYC)

## 1980- 2008

1984- DHT was formed through merging Lindy Coil and Central Water Heater.

## 2009-TODAY

2012- Moved Corporate Head Quarters to Towaco, NJ

### Product Introductions:

- Pot-bellied stoves
- Lindy Tankless Coils
- Shell and Tube Heat Exchangers
- Domestic Hot Water Generators
- Clean Steam Generators
- Central Tankless Coils

### Product Introductions:

- Specialized Tube Bundles
- HVAC Coils
- Heat Exchangers
- Techanium Indirect Water Heaters

### Product Introductions:

- ST Series - Semi Instantaneous Water Heaters
- SP Series - Indirect Water Heaters
- STP Series - Indirect Storage Water Heaters
- SS Series - Unfired Steam Generators

# THE DHT TEAM

We believe the strength in DHT is derived from the talents, ideas and experiences of our people.

## EXECUTIVE MANAGEMENT TEAM

**JAKE GOLDBERG**  
President/ CEO

**NORMAN GOLDBERG**  
Chairman, Residential Sales

**KEN KAPLAN**  
Chairman, Lindy Coil Sales

## LEADERSHIP TEAM

**KEN BUDESA**  
Controller

**JEFF CHASEN**  
VP Operations

**PETER RIMASSA**  
VP of Engineering & Product Management

**DEBBIE PURDY**  
Director of Marketing / Sales

**LAURA MONTEMARANO**  
Director of Human Resources

## KEY TEAMS- CUSTOM COMMERCIAL/ INDUSTRIAL PROJECTS

### ENGINEERING

- Peter Rimassa- Director of Engineering
- Yevgeniy Chudnovsky- Sr. Thermal Process Engineer
- Sarab Singh- Product Engineer

### OPERATIONS

- Jeff Chasen- VP Operations
- Tara Kolankoski- Quality Inspector
- Jim Migliore- Production Supervisor
- Scott Adams- Shipping Supervisor
- (5) Qualified ASME Welders:
  - Carbon Steel
  - 304/ 316/ AL6XN/ Monel/ Hastelloy, etc.
  - Full and Spot X-Ray
  - Ultrasonic Testing
  - Magnetic Particle Inspection
  - Liquid Penetrant Inspection
  - PMI



## OUR FACILITY

Our facility is centrally located in Towaco, NJ, just 45 minutes west of NYC and 30 minutes from Newark Airport making it easy to service our customers nationwide. DHT maintains a clean and safe work environment, organized in lean manufacturing cells, to manufacture and deliver high quality heat transfer equipment.

Location: Towaco, NJ

Manufacturing Area: 70,000 sq ft.

Office Area: 5,000 sq ft.

Employees: 70+



## PRINCIPAL INSPECTION & TESTING INSTRUMENTS

Quality control processes are set up at every stage of production with the strictest of standards to adhere to; ensuring all production is of the highest quality.

- Pressure gauges from 30 PSIG to 3000 PSIG
- Calipers
- Micrometer
  - Weld Fillet Gages
  - High & Low welding Gages
  - Automatic Weld Size Gages
- Angle Meters
- Electronic Coating Thickness Gages
- Micro-finish Comparators Digital and Dial
- Hydro Test Stations
- Pneumatic Test Stations
- LPI Kit Test
- Flow Meters
- Infrared Thermometers
- Borescopic Inspection Tools
- Multi-meter Electrical Testing Instrument
- Electronic PID Simulation Testing & Commissioning Tool



# FACILITY & MACHINING EQUIPMENT

All of our machines are maintained on a regular basis with a thorough preventative maintenance program. This ensures that close and consistent tolerances will be run on every part we machine.

## Assembly Bays:

- (2) 40x120, 24ft high with 5 Ton overhead 18 ft under hook
- (2) 40x120, 24ft high with 1 Ton overhead 18 ft under hook

## Lifting Capacity:

- (2) 10 ton cranes
- (2) 5 tone cranes

## Cutting Equipment:

- Plate Shear
  - Wysong c/s 3/8" thk x 12"
  - S/S 1/4" thk x 12"
  - Diamond pl. 1/4" x 12"
- Plasma Cutting- Lincoln Product – 125
  - Oxy Acetylene Torch Table
  - Oxy Acetylene Beveling

## Drilling:

- CNC Hurco- VMX64 (2006 High Speed thru spindle coolant drill)
- Radial:
  - Carlton 6' Swing
  - Hercules 5' Swing
  - Dimpo 5' Swing
- Punching- CNC Amada Machine 2005

## Machining:

- Lathes- (2) Horizontal Lathes 18'x4'
- Milling- (1) Cincinnati Horizontal Milling
- Boring- (2) Bullard Vertical Boring 40" x 3' HG

## Welding:

- (1) Jet Line Automatic Seam Welding 10' long
- (1) Lincoln Mig Welding 400 Amp
- (1) Lincoln Mig Welding 600 Amp
- (1) L-Tec Mig Welding 400 Amp
- (2) Lincoln Mfg Welding 450 Amp
- (3) Lincoln Arc Welding 400 Amp
- (1) Nelson TRW Stud Welding 450 Amp
- (1) Lincoln Ideal Arc 200 Amp
- (1) Lincoln Mig Welding 600 Amp
- (4) Miller Maxten Helo Arc 450 Amp @ automatic wire feed
- (1) Fronius TPS 400i
- Ventilation Nedermath System

## Bending:

- (5) Hydraulic Tube bending machine- Pines & Wallace from 1/2' to 1 1/2" diameter

## Misc. Subcontract Items:

- Stress Relieving
- Sandblasting and paint
- Radiography
- PMI
- Ultra Sonic
- Weld Harness

ASME Inspection Agency: Commercial Union

# COMMERCIAL/ INDUSTRIAL PRODUCTS

Diversified Heat Transfer is world-class manufacturer of innovative heat transfer products.

## ST SERIES



- Semi-Instantaneous Water Heaters- Steam-to-Water or Water-to-Water
- Available in single and double wall construction.
- Copper (standard) and optional CuNi or SS bundle material of construction.
- Copper, Cu-Ni or SS material in contact with water (potable water).
- Fully packaged solution for quick and easy single point connections.
- Available in vertical or horizontal (optional) construction.
- Compact foot print- Fits through a standard doorway
- Standard trim is available up to 150 psi and optional up to 300 psi.
- Fully modulating energy input for precise temperature controls.
- Available in electronic or pneumatic controls.
- Advanced PID electronic controls compatible with Building Management Systems.
- Certifications: ASME, UL (Controls)

## SP SERIES



- Indirect- Fired, Semi-Instantaneous Boiler Water- Fired Water Heater
- Available with a Single Wall & Double Wall heat exchanger (Braze Plate or Plate & Frame)
- $\pm 4^{\circ}\text{F}$  temp control,  $5^{\circ}\text{F}$  Approach Temperature
- Fully modulating electronic 3-Way control valve
- Potable water: Stainless steel or copper alloys construction for domestic water
- Advanced electronic PID controls compatible with Building Management Systems
- Fully packaged solution for quick and easy single point connections
- Compact Footprint- unit can fit through standard doorways
- Compatible with Medium, Normal and Low Temperature Boiler Water
- Certifications: ANSI/AHRI 400, ASME, UL (Controls)

## STP SERIES

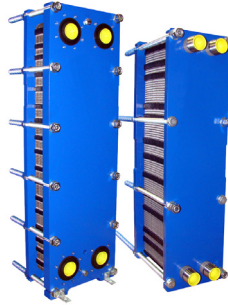


- Recovery rates from 600 to 10,800 GPH with  $180^{\circ}\text{F}$  boiler water for  $100^{\circ}\text{F}$  temperature rise.
- Tank Sizes ranging from 175 to 500 gallons standard. 750-1000 gallons special order
- Domestic storage temperature control range  $50\text{-}180^{\circ}\text{F}$ .
- Double Wall Braze Plate Heat Exchanger - 316L stainless steel plates. (AHRI 400 Rated)
- Compact Footprint
- Modular design with simplex and duplex heat exchanger options available for built-in redundancy and extra capacity.
- Advanced electronic PID controls compatible with Building Management Systems
- Fully Assembled- Skid Mounted Package for quick and easy single point connections
- Certifications: ASME, UL (Controls)



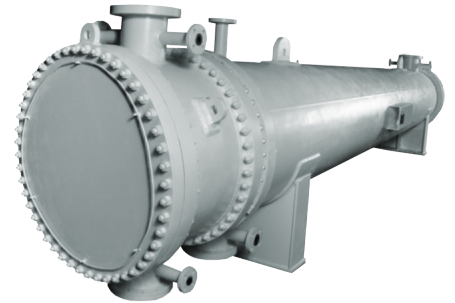
### SS SERIES

- Unfired Steam Generator
- Fiberglass Insulation
- 20 Gauge Steel Jacket With Enamel Paint
- Structural Steel Support Skid Base
- Boiler Steam / Clean Steam Pressure Gauges
- Blow Off Manual & Automatic
- Gauge Glass
- Steam Separator
- High Pressure & Low Water Cut Off
- ASME Pressure Relief Valve
- Total Dissolved Solids Monitor (optional)
- Certifications: ASME, UL (Controls)



### PLATE & FRAME HEAT EXCHANGERS

- Single and Double wall construction
- Up to 24" ports
- Plate material- 304, 316, Titanium
- High thermal efficiency
- Low hold-up volume
- Easy maintenance
- Cost-effective solutions especially when exotic materials are required
- Certifications: ASME, AHRI 400 Available
- Replacement Parts Available



### SHELL & TUBE HEAT EXCHANGERS & REPLACEMENT BUNDLES

- Custom & Standard Designs
  - Generator Coolers
  - Intercoolers/ Aftercoolers
  - Gas Reboiler
  - Steam Dump Condensers
  - Oil Heaters
  - and more
- U Tube & Straight Tube Design
- Carbon Steel, Stainless Steel & Exotic Alloy Materials
- ASME Tested and Stamped



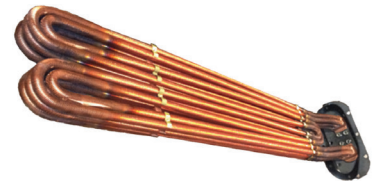
### BRAZED PLATE HEAT EXCHANGERS

- Radiant Heating
- Snow Melt
- HVAC/ Refrigeration
- Domestic Hot Water
- Other applications



### HVAC COILS

- Water, Steam and other mediums
- High pressure applications
- In a full range of materials including copper, brass, aluminum, stainless steel, carbon steel and 90/10 Cupro-Nickel, Plate Fin and Helical Fin

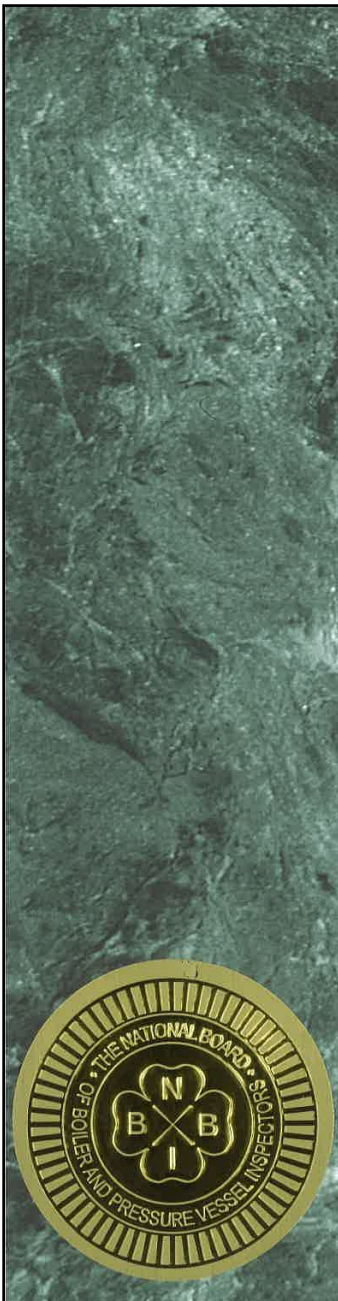




### LINDY TANKLESS COILS

- Up to 10,000 GPH
- Domestic Hot Water
- U Tube Design
- Copper, CuNi and Exotic Alloy Materials
- ASME Tested & Stamped (optional)

# CERTIFICATE OF QUALIFICATION

The National Board of Boiler and Pressure Vessel Inspectors (R Stamp)

	<p><b>THE NATIONAL BOARD OF BOILER &amp; PRESSURE VESSEL INSPECTORS</b></p> <p><i><b>Certificate of Authorization</b></i></p> <p></p> <p><i>This is to certify that</i> <b>Diversified Heat Transfer, Inc.</b> <b>439 Main Road (Route 202)</b> <b>Towaco, New Jersey 07082</b> <b>United States</b> <b>Acceptable Abbreviation: DHT INC</b></p> <p><i>is authorized to use the R Symbol in accordance with the provisions of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.</i></p> <p>All activities within the scope of this Authorization shall be controlled by the above location.</p> <p>The scope of this Authorization is limited to:</p> <p style="text-align: center;">Metallic Repairs and Alterations At Shop and Field Locations</p> <p>Certification Number: 4763</p> <p>Issue Date: March 7, 2018 Expiration Date: May 9, 2021</p> <p>Executive Director </p>
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# CERTIFICATE OF QUALIFICATION





The National Board of Boiler and Pressure Vessel Inspectors (NB Stamp)

	<b>THE NATIONAL BOARD</b>
	<b>OF</b>
	<b>BOILER &amp; PRESSURE VESSEL INSPECTORS</b>
	<i>Certificate of Authorization to Register</i>
	
	<i>This is to certify that</i>
	<b>Diversified Heat Transfer, Inc. 439 Main Road (Route 202) Towaco, NJ 07082</b>
	<i>is authorized to apply the "NB" mark and register boilers, pressure vessels or other pressure retaining items with the National Board.</i>
	<i>The scope of Authorization is limited to items manufactured in accordance with:</i>
	<i>ASME Designator(s):    U</i>
<b>ISSUE DATE:            May 9, 2015</b>	
<i>This Certificate of Authorization to Register will remain in effect as long as the manufacturing organization holds a valid Certificate of Authorization issued by the American Society of Mechanical Engineers.</i>	
<b>Executive Director</b> 	



# CERTIFICATE OF QUALIFICATION

ASME- The American Society of Mechanical Engineers

<b>The American Society of Mechanical Engineers</b>		<b>CERTIFICATE OF AUTHORIZATION</b>
	<p>The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.</p>	
	COMPANY:	<b>Diversified Heat Transfer, Inc. 439 Main Road (Route 202) Towaco, New Jersey 07082</b>
	SCOPE:	<b>Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)</b>
	AUTHORIZED: EXPIRES: CERTIFICATE NUMBER:	<b>April 6, 2018 May 9, 2021 27,740</b>
	 Board Chair, Conformity Assessment  Managing Director, Conformity Assessment	



# INDUSTRIES

Our team can provide solutions to a broad range of industries and market sectors, including Oil and Gas, Chemical, Power Generation, Pharmaceutical, Paper and Pulp, Food and Beverage.



PETROCHEMICAL AND OIL & GAS



CHEMICAL



POWER GENERATION



PHARMACEUTICAL



PAPER & PULP



FOOD & BEVERAGE

## CUSTOMERS

Our customers come from a wide range of Industries. We develop solutions in close cooperation with our customers which meet the full measure of requirements for the particular environment.



**ATOFINA**

**BASF**



**BAZAN GROUP**  
OIL REFINERIES LTD



**conEdison**



*Entergy*

**ExxonMobil**



**FLUOR DANIEL**  
A FLUOR Company



GlaxoSmithKline



**Koch  
Modular**  
PROCESS SYSTEMS



**NASH**  
by Gardner Denver

**Nestlé**

**P&G**

*Procter & Gamble*



**SENECA FARMS  
BIOCHAR**  
LLC



**Shell Chemicals**

**SIEMENS**

**SULZER**



**US Army Corps  
of Engineers**®



Weyerhaeuser

## REFERENCE LIST

We believe that our business starts with the customer. Our commitment to the highest standards of service excellence sets us apart from our competitors.

Company: NFM Welding Engineers, Inc.  
Contact: Chris Tucker  
Title: Director of Process Engineering  
Address: 577 Oberlin Road, Massillon, OH 44647  
Phone: 330-837-3868  
Email: ctucker@nfm.net  
Web: www.nfm.net

Company: Seneca Farms Biochar LLC  
Contact: John H Schwartz  
Title: Process Engineer  
Address: 1880 East Ridge Road, Rochester, NY 14622  
Phone: 585-484-0601  
Email: johns@sfbiochar.com  
Web: www.sfbiochar.com

Company: Unique Systems Inc.  
Contact: Bob Harris  
Title: Engineering Manager  
Address: 4 Saddle Road, Cedar Knolls, NJ 07927  
Phone: 973-455-0440  
Email: rharris@uniquesystems.com  
Web: www.uniquesystems.com

### TESTIMONIAL

“DHT was very helpful in the design of the heat exchangers for our new Bio Mass pyrolysis equipment. The kiln (HBK-1000) has the ability to produce consistent high volume, high quality carbon products. Seneca Farms Biochar’s core configuration produces biochar, wood vinegar and excess heat energy, which in the simplest case can be used to pre-dry feedstock and/or provide heat to buildings, agricultural and industrial processes. DHT was knowledgeable, easy to work with and were cost effective . DHT did everything they promised and would highly recommend them for your heat transfer needs.”

John H Schwartz  
Seneca Farms Biochar LLC



# PROJECTS

## REFINERY HEAT EXCHANGERS

Location: Universal Lubricants Plant - Wichita, KS

DHT Model No.: AEL10S1-240-X, AEL8S1-192-1,2\_S,  
AEL8S1-120-X, AEU10S2-240

1800 PSI High Pressure design heat exchangers with specially designed expansion joints in service of blending, minirefining and distribution of engine oil.



## REFINERY HEAT EXCHANGERS

Location: Heartland Refinery Groups - Columbus, OH

DHT Model No.: NEN24S1-168, NENE24-288-X-1,2

Heptan Vapors Condenser and Twin Oil Heaters with specially designed expansion joints were thermally and mechanically designed for lube oil refinery service.



## STEAM DUMP CONDENSER

Location: Heat Recovery Plant - Santa Anna, CA

DHT Model No.: AEL20B1-72-1,2

These two twin steam dump condensers are used to recover large amount of steam from turbine trip off and start up.



# PROJECTS

## VACUUM STEAM EJECTOR SKIDS

LOCATION: Nitech Vacuum Systems- New Jersey

Model No.: BEU10B2-94 Intercondenser, & BEU8B2-58 Aftercondenser

Stacked system of Two Heat Exchangers in Series DHT

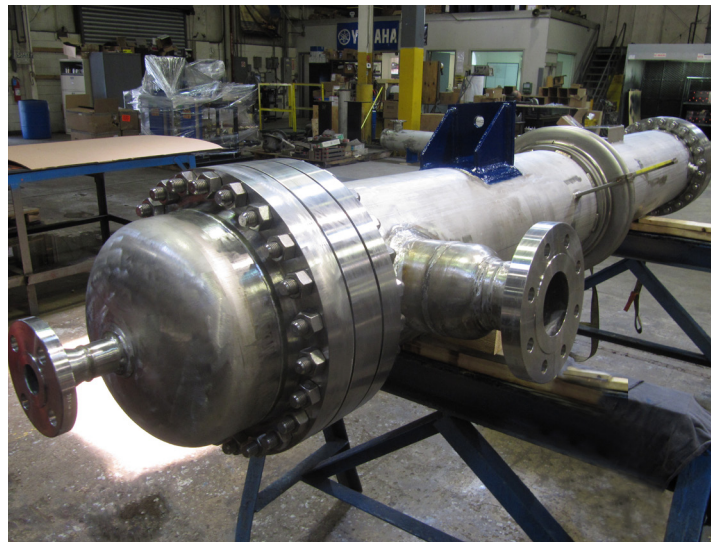


## PROCESS HEATER

LOCATION: Biexin, China

Model No.: BEM20S1-192

Foam rubber process heater special design expansion joint all 316 stainless steel.



## NUCLEAR CYCLOTRON COOLER

LOCATION: Texas A&M University- College Station, Texas

BEU all 316 stainless steel construction.





# PROJECTS

## HIGH PRESSURE NATURAL GAS COOLER

Location: Combines Cycle Power Plant- New Jersey

DHT Model No.: BEU18B2-36

This gas-to-gas heat exchanger cools down high pressure and temperature gas with atmospheric air



## MARINE SERVICE HEAT EXCHANGER

Location: Maersk Marine

DHT Model No.: BEM30A1-96-X

This Low Pressure Steam To Sea Water Heat Exchanger with expansion joint is installed on a large cargo ship



## LOW PRESSURE VACUUM GAS REBOILER

Location: BP- Toledo, Ohio

DHT Model No.: BEM24S1-60

This Vacuum Gas Heat Exchanger with specially designed rod baffle is designed to minimize the pressure drop on the process gas side of the unit





# PROJECTS

## HASTELLOY PHARMACEUTICAL HEAT EXCHANGER

Location: Cambrex Pharmaceutical- Charles City, IA

DHT Model No.: NEN20S1-144-X

This Hastelloy C-276/SS316 Shell & Tube Cryogenic Service Condenser was designed to condense DCM (dichloromethane) using low temperature cryo fluid as a cooling medium. DHT manufactured Four (4) units for Cambrex Pharmaceutical Plant



## PHARMACEUTICALS STAINLESS STEEL HEAT EXCHANGER

Location: Pfizer, Inc- Kalamazoo, MI

DHT Model No.: NEN14B1-120

This entire SS316 Shell & Tube Heat Exchanger condenses methylene chloride vapors in tubes and is used for chemical distillation process



## LEAN/RICH AMINE HEAT EXCHANGER

LOCATION: EFS Midstream- Natural Gas Plant, Pawnee, TX

DHT Model No.: BGM18A4-240-1,2\_S

This system of two heat exchangers in series vaporizes rich amine on the tube side while cooling down lean amine on the shell side



# PROJECTS

## REFINERY HEAT EXCHANGERS

Location: North Atlantic Refining Limited (NARL)-  
Newfoundland, Canada

DHT Model No.: BFU34B4-216

This two pass shell heater is used in refinery process called “fractionation bottoms debottlenecking” vaporizing stripper feed on the tube side when supplied with fractionator bottoms (hot oil) on the shell side

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## STANDARD CONDENSATE PREHEATER

Location: Manhattan, NY

DHT Model No.: SC12B2-72

This shell and tube u-tube heat exchanger preheats condensate before it is fed into the boiler to supply clean steam to deaerator

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## INDUSTRIAL DRIER

Location: Wyssmont Company- Fort Lee, NJ

DHT Model No.: E-20S1-144

Straight tube one pass heat exchanger





# PROJECTS

## HOT OIL HEATER

Location: Cavendish Farms- Nova Scotia, Canada

DHT Model No.: BEU-30B2-240

CRN ASME Vessel all carbon steel construction with 316 stainless steel tubes.



## LUBE OIL COOLERS

Location: US Army Corp of Engineers- Gavins Point, IA

DHT Model No.: TBW-24B2-168

Hydro Electric Dam Lube Oil Coolers



## TUBE BUNDLE

Location: Combined Cycle Power Plant- San Diego, CA

DHT Model No.: TBW10B2-96

Titanium Tube Bundle for ocean water power plant cooling





CONTACT US:

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